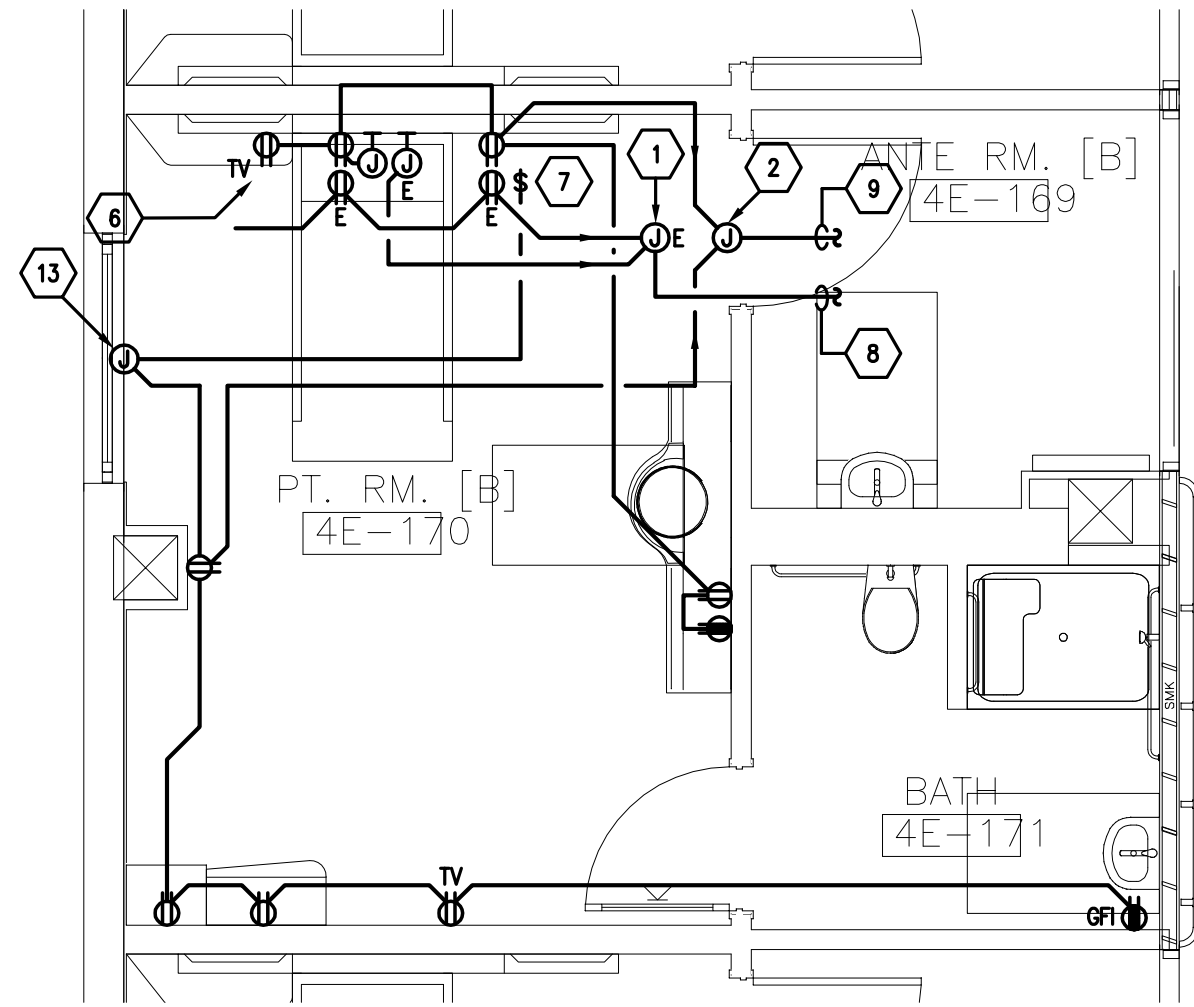
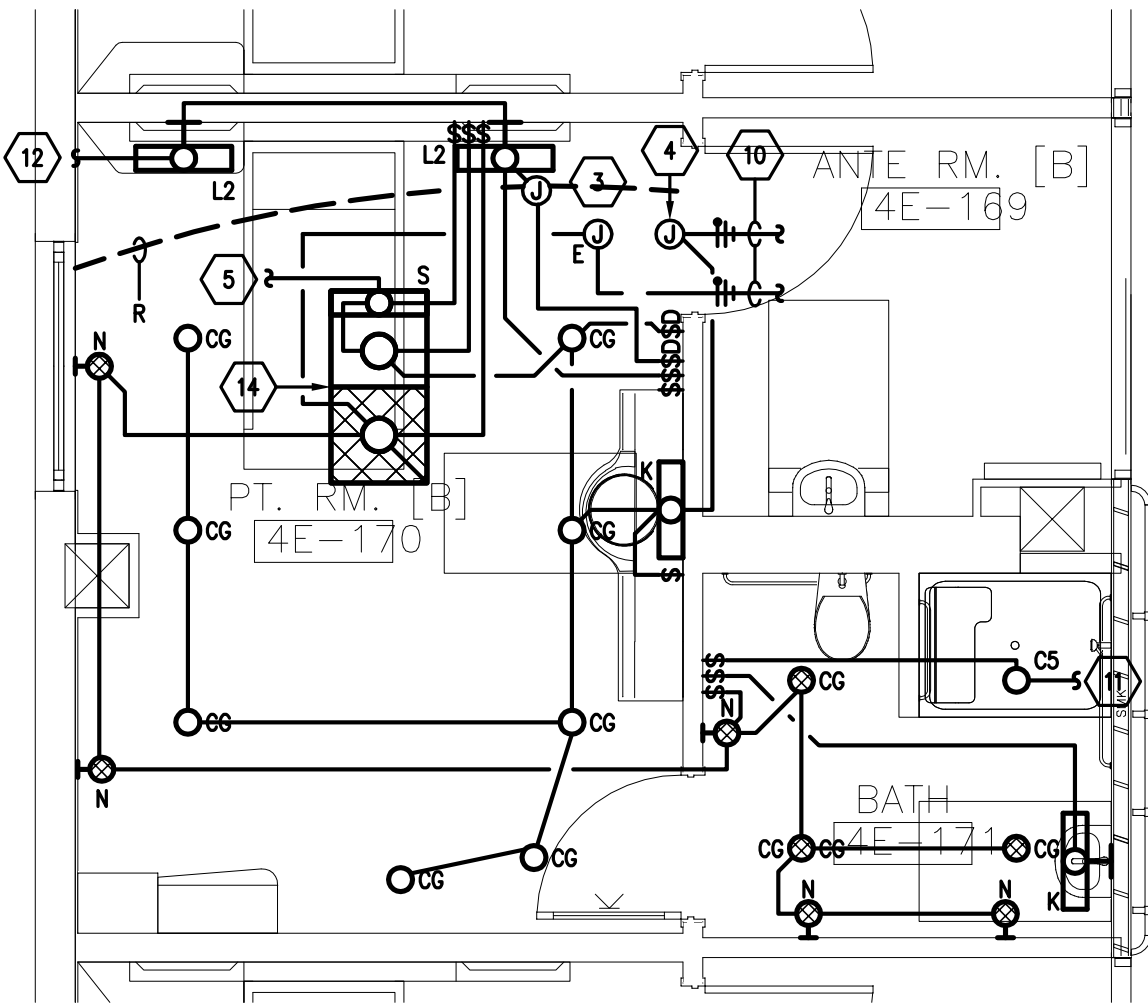
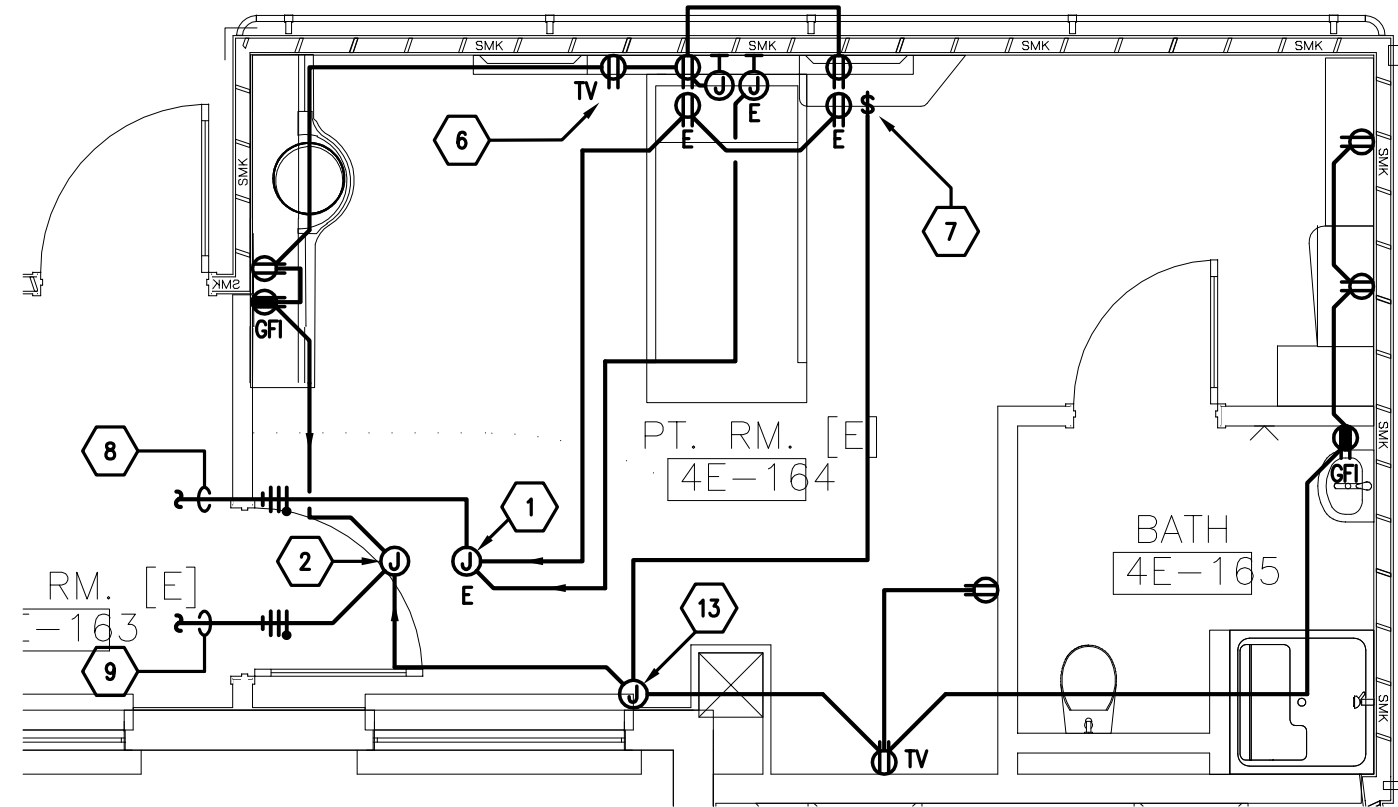
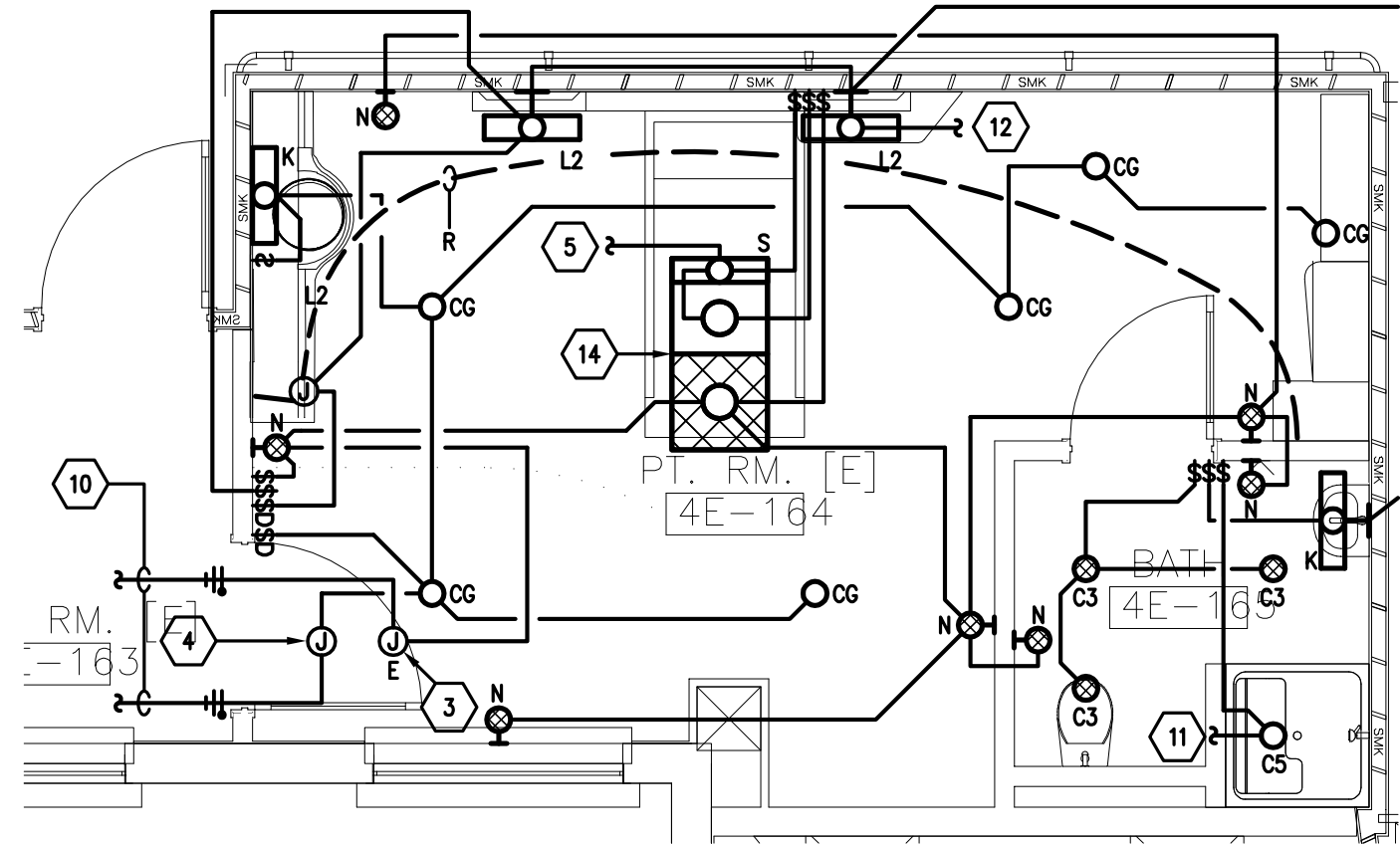


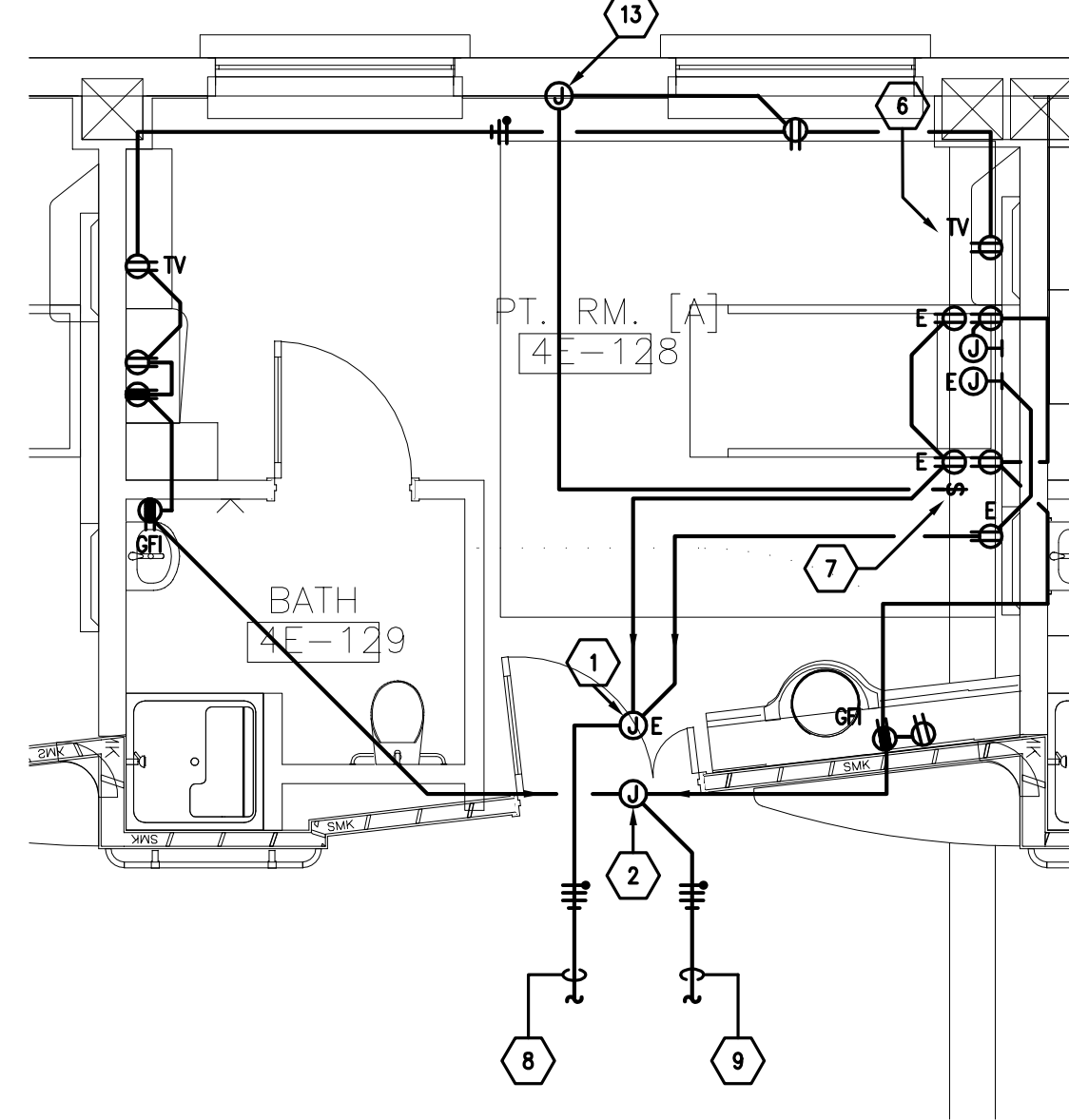
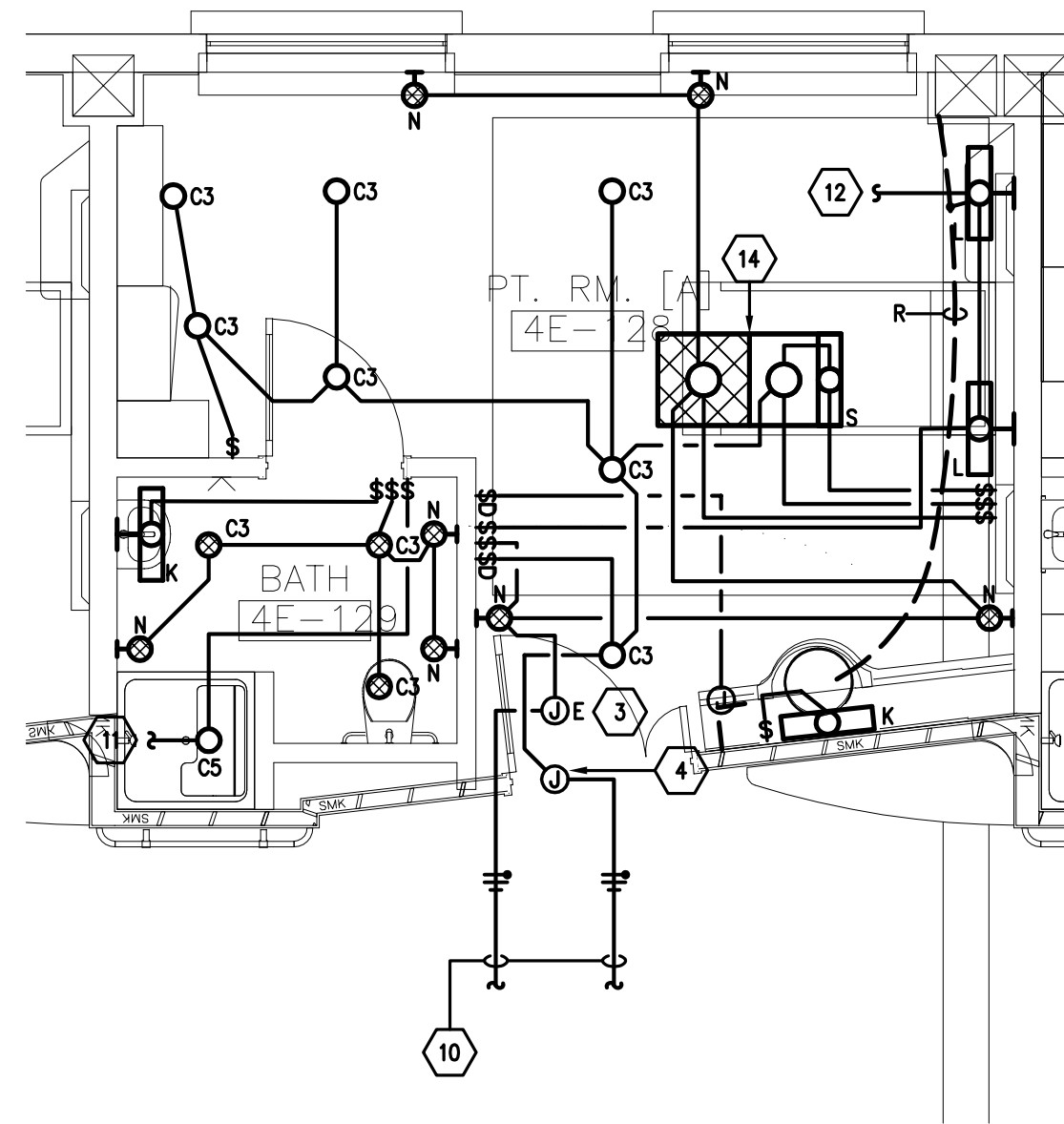
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



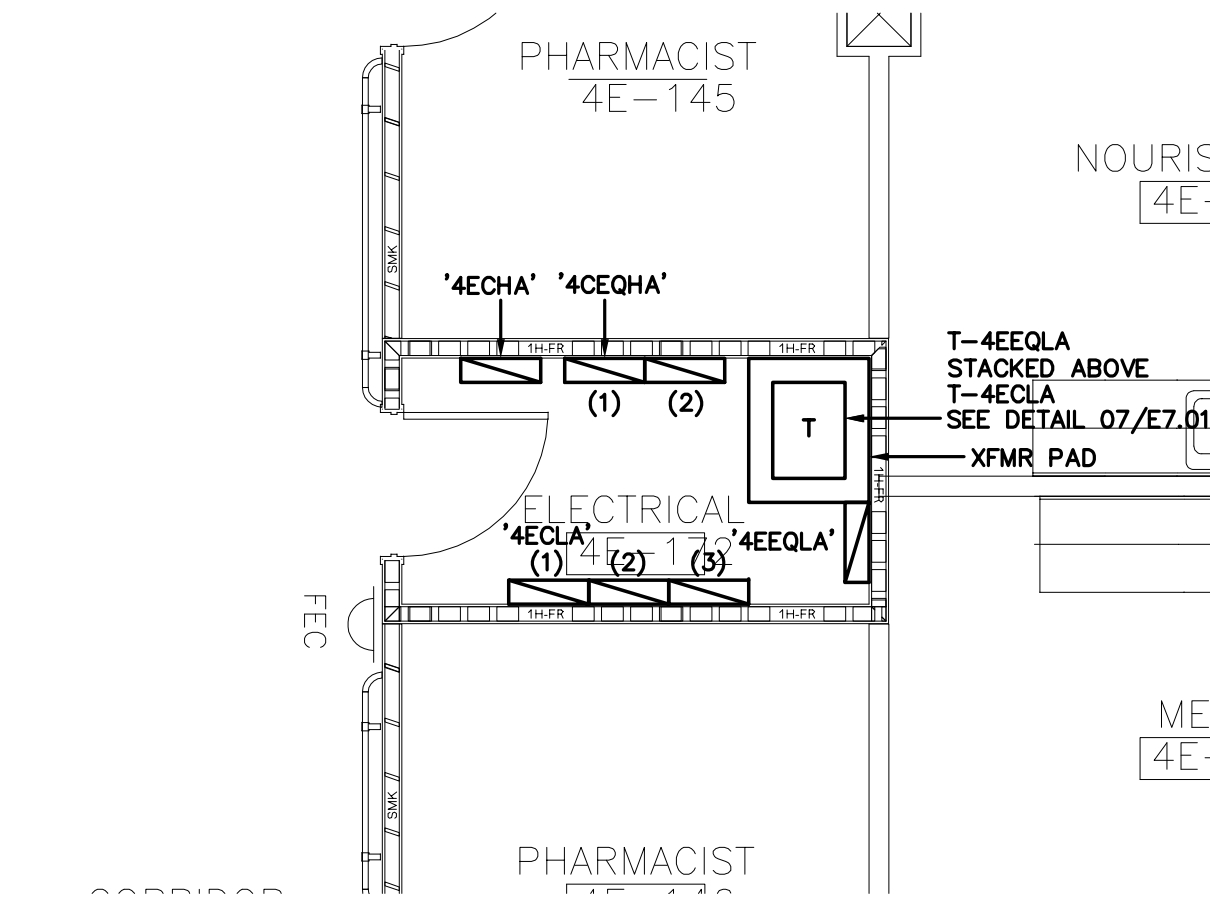
03 TYPICAL "B" ENLARGED PATIENT ISOLATION ROOM - ELECTRICAL
SCALE: 1/4" = 1'-0"



04 TYPICAL "E" ENLARGED PATIENT ROOM - ELECTRICAL
SCALE: 1/4" = 1'-0"



02 TYPICAL "A, C, D" ENLARGED PATIENT ROOM - ELECTRICAL
SCALE: 1/4" = 1'-0"



01 ENLARGED ELECTRICAL ROOM POWER AND SPECIAL SYSTEMS
SCALE: 1/4" = 1'-0"

ELEC/DATA ROOM GENERAL NOTES



- COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN REQUIRED CLEARANCES IN FRONT OF EQUIPMENT.
- ANY DEVIATIONS FROM SCHEDULED EQUIPMENT RESULTING IN ADDITIONAL COSTS DUE TO LACK OF COORDINATION WITH DIMENSIONS AND WEIGHTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR.
- COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO F/S DAMPERS, VAV BOXES, FOU'S, ETC WITH MECHANICAL DRAWINGS.
- COORDINATE EXACT REQUIREMENTS AND LAYOUT OF DATA ROOM WITH ARCHITECT AND TELECOM SUPPLIER.
- ALL EXISTING TELECOM EQUIPMENT LOCATED WITHIN THE EXISTING IT CLOSET SHALL REMAIN. RELOCATE WITHIN NEW IT ROOM AS NECESSARY.

PATIENT ROOM GENERAL NOTES

- ALL CEILING MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL REFLECTIVE CEILING PLANS. IF A LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL REFLECTIVE CEILING PLANS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL CEILING TYPES IN ALL AREAS.
- REFER TO ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS FOR GUIDANCE AND VERIFICATION OF DIMENSIONS, CEILING HEIGHTS, DOOR SINGS, ROOM FINISHES AND LOCATION OF DUCTWORK, PIPES, STRUCTURAL STEEL, EQUIPMENT, CABINET WORK AND FURNITURE.
- INSTALL WALL LIGHTING FIXTURES, WALL SWITCHES, WALL OUTLETS AND OTHER WALL MOUNTED EQUIPMENT IN STRICT COORDINATION WITH DETAILS, SECTIONS, ELEVATIONS AND ROOM FINISHES SHOWN ON ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL CAREFULLY REVIEW AND COORDINATE THE EXACT EQUIPMENT REQUIREMENTS WITH THE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. REFER TO THE VENDOR DRAWINGS FOR EQUIPMENT, BRANCH CIRCUIT AND FEEDER REQUIREMENTS, RACKWAYS, CONTROL WIRING AND OTHER ITEMS NECESSARY TO PROVIDE THE PROPER ELECTRICAL WORK FOR THE EQUIPMENT INSTALLATION. MATERIALS AND LABOR SHALL BE INCLUDED AS NECESSARY TO PROVIDE A FULLY FUNCTIONAL AND OPERATIONAL SYSTEM.
- ANY DEVIATIONS FROM SCHEDULED EQUIPMENT RESULTING IN ADDITIONAL COSTS DUE TO LACK OF COORDINATION WITH DIMENSIONS AND WEIGHTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR.
- ALL VOICE/DATA OUTLETS SHALL INCLUDE 2 DATA AND 1 VOICE CONNECTION. CONTRACTOR SHALL PROVIDE CAT6 OR BETTER CABLE FROM OUTLET TO IT CLOSET AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH TELECOM MANUFACTURER INSTALLATION DOCUMENTS PRIOR TO INSTALLATION OF ANY TELECOM EQUIPMENT OR CABLE.
- COORDINATE EXACT MOUNTING LOCATION AND HEIGHT OF BEDSIDE DATA/RECEPTABLES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. PROVIDE (1) NORMAL POWER AND (1) CRITICAL POWER JUNCTION BOX AT HEADWALL FOR PRE-FABRICATED BED LOCATOR UNIT. COORDINATE ALL REQUIREMENTS FOR BED LOCATOR WITH ARCHITECT PRIOR TO ROUGH-IN.

PATIENT ROOM LEGEND NOTES

- JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING FOR CONNECTION OF 120-VOLT, CRITICAL POWER. REFER TO POWER FLOOR PLANS FOR EXACT LOCATION OF JUNCTION BOXES.
- JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING FOR CONNECTION OF 120-VOLT, NORMAL POWER. REFER TO POWER FLOOR PLANS FOR EXACT LOCATION OF JUNCTION BOXES.
- JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING FOR CONNECTION OF 277-VOLT, CRITICAL POWER. REFER TO LIGHTING FLOOR PLANS FOR EXACT LOCATION OF JUNCTION BOXES.
- JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING FOR CONNECTION OF 277-VOLT, NORMAL POWER. REFER TO LIGHTING FLOOR PLANS FOR EXACT LOCATION OF JUNCTION BOXES.
- CONTRACTOR SHALL EXTEND AND CONNECT TO NURSE CALL PILLOW SWITCH. PROVIDE A SEPARATE BALLAST FOR EACH LAMP AND CONTROL TOP LAMPS SEPARATELY FROM BOTTOM LAMPS THROUGH THE NURSE CALL PILLOW SWITCH FOR INTENSITY CONTROL. PROVIDE ANY NECESSARY RELAYS, TRANSFORMERS, ETC. COORDINATE WITH NURSE CALL VENDOR.
- TV POWER/DATA TERMINATION EXACT MOUNTING HEIGHTS, LOCATION, AND REQUIREMENTS SHALL BE COORDINATED WITH TV MOUNTING BRACKET AND ROTATING ARM. CAT6 CABLE TO BE RUN TO BACK BOX FROM TV SYSTEM CONTROL UNITS LOCATED IN IT ROOM (4C-176). COORDINATE ALL REQUIREMENTS FOR TV SYSTEM WITH MANUFACTURER INSTALLATION DOCUMENTS.
- LITRON MOTOR SHADE CONTROL SUCH AS J5VC-QED WITH PROGRAMMABLE FULL-OPEN/FULL-CLOSED AND RAISE/LOWER FUNCTIONALITY. LOCATE SWITCH ON BEDSIDE WALL CLOSEST TO ROOM ENTRANCE.
- REFER TO 1/8" SCALE FLOOR PLANS FOR EXACT CIRCUIT NUMBERS SERVING EACH GENERAL CARE PATIENT ROOM. PROVIDE THE FOLLOWING CRITICAL BRANCH CIRCUITS TO EACH GENERAL CARE PATIENT ROOM: ONE CIRCUIT FOR HEADWALL RECEPTABLES AND ONE CIRCUIT FOR BED RECEPTABLE/STAFF COMPUTER.
- REFER TO 1/8" SCALE FLOOR PLANS FOR EXACT CIRCUIT NUMBERS SERVING EACH GENERAL CARE PATIENT ROOM. PROVIDE THE FOLLOWING NORMAL BRANCH CIRCUITS TO EACH GENERAL CARE PATIENT ROOM: ONE CIRCUIT FOR RECEPTABLES AT HEADWALL AND ONE CIRCUIT FOR MAX. OF SIX ROOM RECEPTABLES.
- REFER TO 1/8" SCALE FLOOR PLANS FOR EXACT CIRCUIT NUMBERS SERVING EACH GENERAL CARE PATIENT ROOM.
- CONNECT SHOWER LIGHT TO 120-V NORMAL POWER GFI RECEPTACLE CIRCUIT IN PATIENT BATHROOM.
- CONNECT 120-V LIGHT FIXTURES TO NORMAL POWER GENERAL PURPOSE RECEPTACLE CIRCUIT WITHIN PATIENT ROOM.
- PROVIDE JUNCTION BOX FOR 120-V POWER AS REQUIRED FOR LITRON MOTORIZED SHADE. COORDINATE PANELS AND ADDITIONAL REQUIREMENTS WITH MANUFACTURER INSTALLATION DOCUMENTS PRIOR TO INSTALLATION.
- 3-FUNCTION PATIENT FIXTURE SHALL BE CONTROLLED BY LOW VOLTAGE 3-FUNCTION SWITCH AT THE BEDSIDE. CONTRACTOR SHALL PROVIDE LOW VOLTAGE RELAYS AND TRANSFORMERS AS REQUIRED.

CONSTRUCTION DOCUMENTS 100% SUBMITTAL FOR BID 06/13/2012 CONSTRUCTION DOCUMENTS 100% SUBMITTAL 06/22/2011 CONSTRUCTION DOCUMENTS 95% SUBMITTAL 02/01/2011 DESIGN DEVELOPMENT 50% SUBMITTAL 06/21/2010 SCHEMATIC DESIGN 15% SUBMITTAL 05/03/2010 Revisions: Date		CONSULTANTS: MEP DAVID WRIGHT CCRD PARTNERS 3311 W. BROAD ST. RICHMOND, VA 23230 (804) 355-2067		STRUCTURAL JOHN HANCOCK STROUD-PENCE & ASSOC. 4198 COX RD., SUITE 110 GLEN ALLEN, VA 20107 (703) 481-8914		LIFE SAFETY JOHN MITROS RHINO FIRE PROT. ENG. PLC 250 EXCHANGE PLACE, #B HERNDON, VA 20107 (703) 481-8914		SEAL: 		ARCHITECT/ENGINEERS: CORNER STONE ARCHITECTS 23 West Broad St., Suite 200 Richmond, Virginia 23220 Telephone: 804.353.3051 Facsimile: 804.358.1442 Webpage: www.csarch.com		Drawing Title ENLARGED FLOOR PLANS - ELECTRICAL Approved: Project Director CA PROJECT 00938.02		Project Title VA MEDICAL CENTER 4E PATIENT WARD EXPANSION Location WASHINGTON DC Date Checked TB/DEW Drawn E5.01		Project Number 688-336 Building Number E Drawing Number E5.01		FULLY SPRINKLERED Office of Facilities Management 	
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